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December 18, 1997

Honorable Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231


**Re: New U.S. Patent Application  
For: CHIMERIC EMBRYOS AND ANIMALS CONTAINING  
HUMAN CELLS  
Our Reference: 45010-00601**

Dear Sir:

Transmitted herewith for filing in the U.S. Patent and Trademark Office are the following documents: (1) New Patent Application; (2) Claim Calculation Sheet (3) executed Declaration and Power of Attorney; (4) Verified Statement Claiming Small Entity Status - Non-Profit Organization; (5) Verified Statement Claiming Small Entity Status - Independent Inventor; (6) executed Assignment of Application for United States Patent; and (7) a check in the amount of \$693.00 to cover the U.S. Government filing fee and Assignment Recordation cover sheet.

Please charge any additional fees due, or credit any overpayment, to Deposit Account No. 03-2469.

Sincerely yours,

  
PATRICK J. COYNE, Reg. No. 31,821  
GLENN T. BARRETT, Reg. No. 38,705

Enclosures

12/18/97  
JCS18 U.S. PTO

08993564-121897

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re  
Application of: STUART A. NEWMAN  
Serial No.: TBA  
Filed: December 18, 1997  
For: CHIMERIC EMBRYOS AND ANIMALS  
CONTAINING HUMAN CELLS

Attorney Docket #: 45010-00601

Assistant Commissioner for Patents  
BOX PATENT APPLICATION  
Washington, D.C. 20231

Claim Calculation Sheet for Original Patent Application

Dear Sir:

Transmitted herewith for filing is the patent application (specification, claims and abstract)  
of: Stuart A. Newman

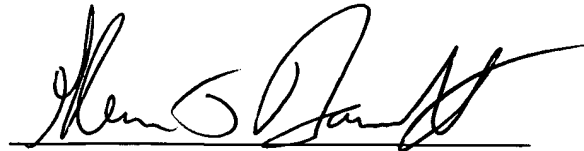
For: CHIMERIC EMBRYOS AND ANIMALS CONTAINING HUMAN CELLS

Also included, as part of the above-identified patent application, are the following fees:

<u>FOR</u>	<u>NO. FILED</u>	<u>NO. EXTRA</u>	<u>A SMALL ENTITY RATE</u>	<u>FEE</u>
Basic Fee	////////	////////	////////	\$395.00
Total Claims	<u>36</u> - 20 =	<u>16</u> x	11.00 =	\$176.00
Indep. Claims	<u>5</u> - 3 =	<u>2</u> x	41.00 =	<u>82.00</u>
( ) Multiple Dependent Claim Presented =		=		<u>0.00</u>
		<u>TOTAL</u>	=	<u>\$653.00</u>

- [X] A check in the amount of \$693.00 (\$653.00 of which is to cover the filing fee and \$40.00 is to cover the Assignment Recordation fee) is enclosed.
- [ ] Please charge any additional fees due, or credit any overpayment, to Deposit Account No. 03-2469. A duplicate copy of this sheet is enclosed.

Respectfully submitted,



Dated: December 18, 1997

PATRICK J. COYNE, Registration No. 31,821  
GLENN T. BARRETT, Registration No. 38,705  
COLLIER, SHANNON, RILL & SCOTT, PLLC  
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2003-12-18 14:59:00

Please type a plus sign (+) inside this box → ☒

PTO/SB/05 (12/97)  
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

45010-00601

Total Pages

1

First Named Inventor or Application Identifier

Newman, Stuart A.

Express Mail Label No.

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification [Total Pages 26]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the invention
  - Brief Summary of the invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3. ☐ Drawing(s) (35 USC 113) [Total Sheets 0]
4. Oath or Declaration [Total Pages ]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)  
[Note Box 5 below]
    - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

## ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a. ☐ Computer Readable Copy
  - b. ☐ Paper Copy (identical to computer copy)
  - c. ☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

8. ☒ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
14. ☒ Small Entity ☐ Statement filed in prior application,  
Statement(s) Status still proper and desired
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Other: .....

## 17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: \_\_\_\_\_

## 18. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

or ☐ Correspondence address below

(Insert Customer No. or Attach bar code label here)

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Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.